

CLAIMS

1. A method for providing texture on a product part, which comprises providing on the relevant product part a first grid, formed from a pattern of rows and columns of deformations of the surface of the relevant product part, placing over the first grid at least a second grid, which is comparable
5 to and preferably equal to the first grid, the deformations of the second grid at least partly overlapping the deformations of the first grid.
2. A method according to claim 1, which comprises superimposing a series of more than two identically shaped, preferably equal grids, the deformations of a superjacent grid always at least partly overlapping the
10 deformations of subjacent grids.
3. A method according to claim 1 or 2, which comprises providing the superimposed grids in a rotated position with respect to each other around a common point on the relevant surface.
4. A method according to claim 3, in which each grid is rotated with
15 respect to a superjacent or subjacent grid through an angle of 36° .
5. A method according to claim 4, which comprises superimposing five grids, an angle of $N \cdot 36^\circ$ always being enclosed between two grids, N being a natural number.
6. A method according to any one of the preceding claims, which
20 comprises providing the grids by means of a laser, built up from mainly point-shaped deformations.
7. A method according to claim 6, which comprises building up the grids from rows and columns of point-shaped deformations.
8. A method according to any one of the preceding claims, which
25 comprises providing a series of grids at least partly overlapping each other such that an irregularly looking pattern of deformations, but built up from regular grids, is obtained on the relevant product part.

9. A method according to any one of the preceding claims, which comprises forming for each deformation a central depression and an edge extending around it, raised with respect to the relevant surface.

10. A method according to any one of the preceding claims, which
5 comprises providing the texture on at least part of a forming tool, after which a product is formed, at least processed, with the relevant forming tool, such that a negative impression of the texture is obtained on at least part of the relevant product.

11. A method according to claim 10, in which the forming tool is a die, in
10 particular a molding die.

12. A method according to any one of claims 6 - 11, in which a protective gas is used.

13. A product, provided with a texture on at least part of its surface, which texture is built up from a number of superimposed grids of
15 deformations, at least partly overlapping each other, of the relevant part of the surface.

14. A product according to claim 13, which product is at least part of a forming tool.

15. A product according to claim 13, which product is at least part of a
20 consumer article, in particular a product manufactured by injection molding.

16. The use of a laser for providing texture on a product part, in the form of a series of grids overlapping each other, each built up from a matrix of rows and columns of surface deformations.

17. A method for repairing texture, obtained with a method according to
25 any one of claims 1 - 12 or on a product according to any one of claims 13 - 16, which comprises clamping the product or product part on which the texture is provided, in a suitable apparatus, which apparatus at least comprises deformation means and deformation means control means,
30 inputting in the deformation means control means of one of the grids the

position and the coordinates with respect to a reference point, as well as the displacements enclosed between the grids, in particular angles of rotation, after which by means of the at least one deformation means the different grids are repaired or provided again, at least as far as necessary, such that the original texture is nearly completely repaired.

18. A method according to claim 17, in which the deformation means used is a laser.